Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 26 Aug 2023 until 23:59 on Sunday 27 Aug 2023

Forecast Issued on Friday 25 Aug 2023 at 14:04

Confidence: High for prevailing unsettled and showery theme, but low for shower detail. Confidence again low regarding the arrival of a weather system on Tuesday.

Headline for Saturday 26 Aug 2023: Frequent slow-moving, heavy and potentially thundery showers.

Mountain weather hazards on Saturday 26 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms High Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Thunderstorm	Heavy rain showers	Heavy rain showers	Thundery showers	Partly cloudy (night)
Precipitation probability							
40%	70%	70%	60%	70%	70%	60%	20%

Forecast for Saturday 26 Aug 2023

Weather: Extensive cloud should encroach from the northwest through the early hours, with attendant frequent heavy showers merging to give longer spells of rain, especially in the west and southwest of the Park. There is an accompanying risk of thunder and hail in the heaviest for much of the day, although the cloud should lift and overturn as the day progresses, perhaps allowing more in the way of limited bright or sunny intervals into the evening, with drier conditions following suit.

Chance of cloud-free hill tops above 600m: Near-nil becoming 90%, but note risk of thunderstorms especially.

Low cloud and visibility: Extensive cloud down to 400 metres early on, with ragged areas below this after rain. Cloud should lift and overturn with time, clearing the highest peaks by late morning. Visibility good, but often showing significant deterioration given prevailing weather conditions.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 26 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	14/18 SW	13/17 SW	9/13 W	8/12 W	8/11 W	7/9 W	5/8 W	5/8 NW
300	9/15 SW	10/15 SW	9/15 SW	7/11 W	8/12 SW	8/12 W	5/8 W	5/8 W	4/6 SW
Valley	5/14 SW	6/14 SW	7/13 SW	5/9 W	5/11 W	4/9 W	3/7 NW	3/7 NW	3/6 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	8/5	9/6	10/8	11/9	11/10	11/10	10/9	9/8
300	11/9	10/8	10/8	12/11	13/12	14/12	14/13	12/11	11/10
Valley	11/10	11/10	11/10	13/12	15/14	15/14	14/14	12/12	11/10
Freezing Level*	2000m	2000m	2000m	1900m	2000m	2000m	2100m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The wind direction is liable to vary more than shown, given the frequent and pervasisve presence of showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 25 Aug 2023	0mm	1mm	2mm

Forecast for Sunday 27 Aug 2023

Weather: Fine in the early hours and into daybreak, however a swathe of cloud and heavy showers should spread in from the west towards lunch, perhaps preceded and followed by home-grown heavy and potentially thundery showers once again. Showers should eventually fade later in the afternoon, with cloud breaking for a time, in advance of more extensive cloud making inroads from the west during the evening.

Maximum wind: Strengthening northwesterly 15mph.

Chance of cloud-free hill tops above 600m: 30% improving 90%

Low cloud and visibility: Extensive cloud around 400 metres should thin, lift and break to clear the highest ground by around lunchtime.

Temperature: **Valleys:** Plus seven becoming 19 degrees Celsius.
At 600m: Plus ten degrees Celsius.
Freezing level: Well above the peaks.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.